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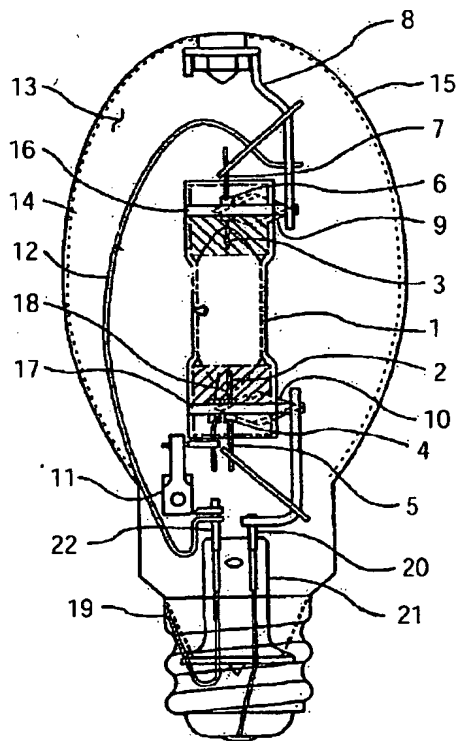
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(54) Title: HIGH PRESSURE METAL HALIDE LAMP



(57) Abstract: The invention relates to a high-pressure metal halide lamp, comprising an arc tube (1) comprising a metal halide containing discharge medium for supporting an electrical discharge, an outer envelope (15) surrounding said arc tube (1), and a phosphor coating (14) on the inner surface of said outer envelope (15), said phosphor coating comprising a blue emitting phosphor. Preferably, the blue emitting phosphor is selected from the group consisting of $(\text{Ba,Ca})_{1.29}\text{Al}_{12}\text{O}_{19.29}:\text{Eu}$, $\text{Sr}_5(\text{PO}_4)_3\text{Cl}:\text{Eu}$, $\text{BaMgAl}_{10}\text{O}_{17}:\text{Eu}$, $\text{Si}_2\text{Al}_6\text{O}_{11}:\text{Eu}$, $\text{BaAl}_8\text{O}_{13}:\text{Eu}$, $\text{Sr}_4\text{Al}_{14}\text{O}_{25}:\text{Eu}$, and $\text{BaMgAl}_{10}\text{O}_{17}:\text{Eu,Mn}$.

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